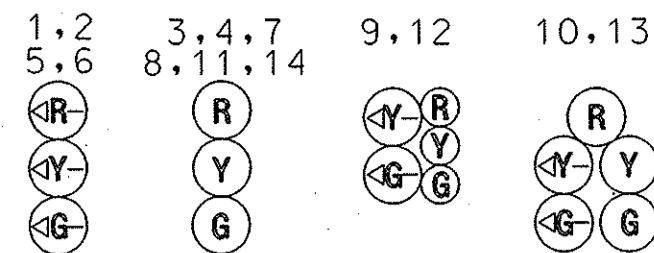
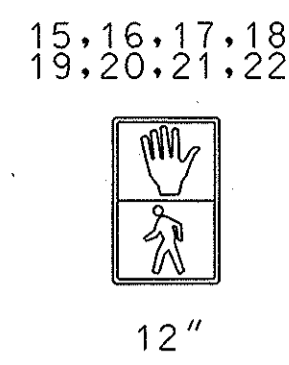


MD 193 IS ASSUMED TO RUN  
IN AN EAST-WEST DIRECTION

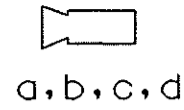
EXISTING SIGNAL HEADS TO REMAIN



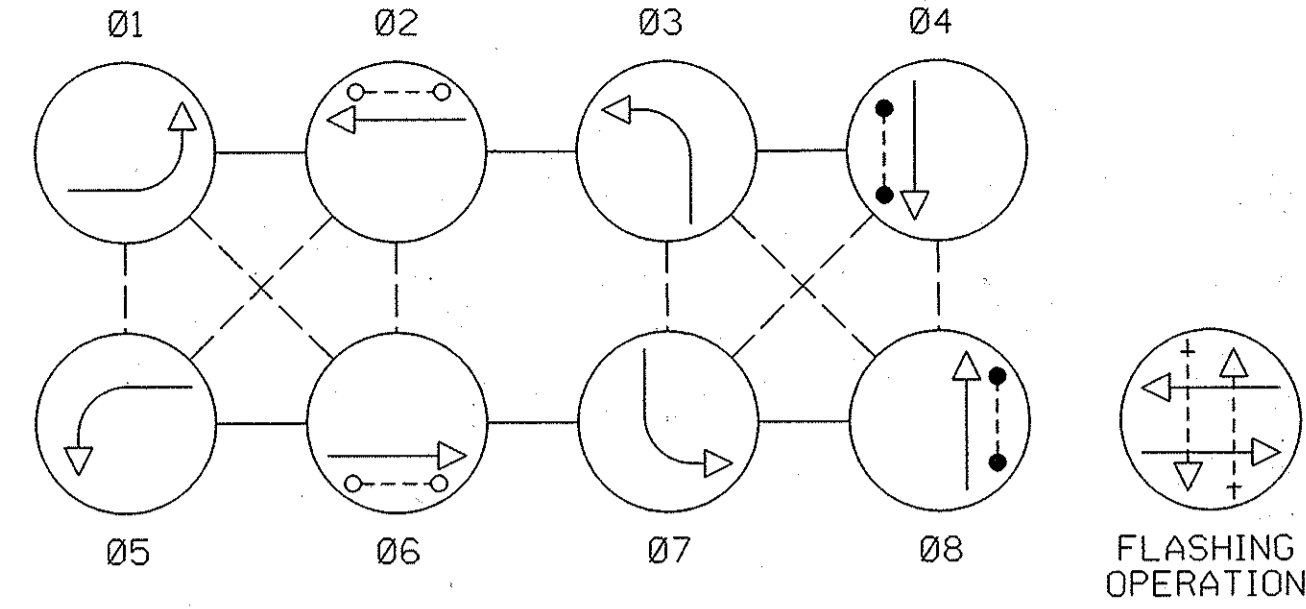
PROPOSED SIGNALS



EXISTING VIDEO DETECTION TO REMAIN

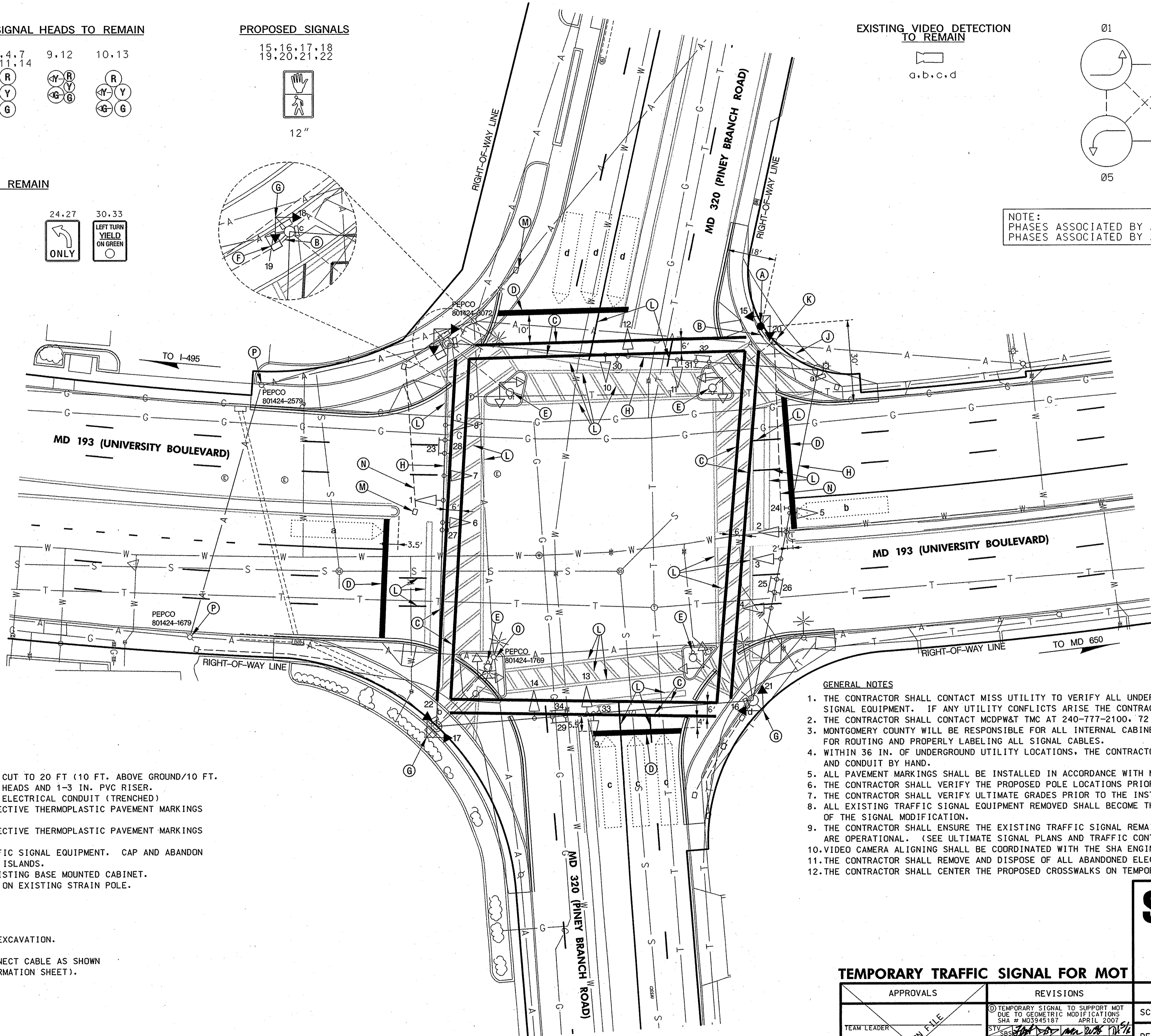
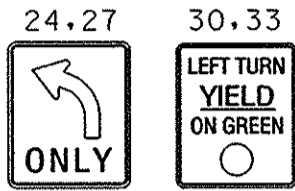
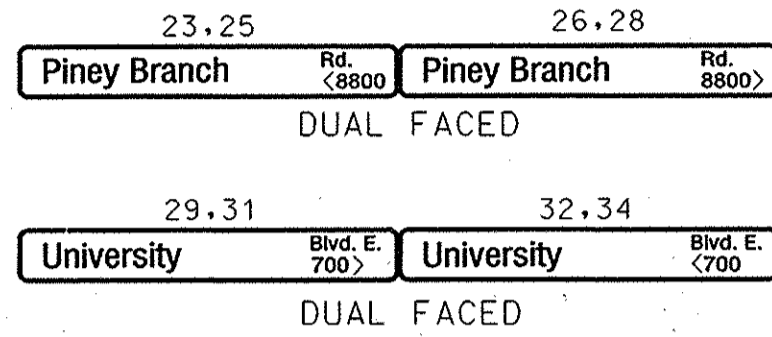


NEMA PHASING



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNS TO REMAIN



CONSTRUCTION DETAILS

- INSTALL 40 FT. CLASS II WOOD POLE - CUT TO 20 FT. (10 FT. ABOVE GROUND/10 FT. UNDERGROUND) WITH PEDESTRIAN SIGNAL HEADS AND 1-3 IN. PVC RISER.
- INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT (TRENCHED)
- INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALK.
- INSTALL 24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR STOPLINE.
- REMOVE AND DISPOSE OF EXISTING TRAFFIC SIGNAL EQUIPMENT. CAP AND ABANDON CONDUITS IMPACTED BY THE REMOVAL OF ISLANDS.
- INSTALL 1-3 INCH CONDUIT BEND IN EXISTING BASE MOUNTED CABINET.
- INSTALL NEW PEDESTRIAN SIGNAL HEADS ON EXISTING STRAIN POLE.
- USE EXISTING SPAN WIRE.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- REMOVE EXISTING PAVEMENT MARKINGS.
- HANDHOLE TO BE REMOVED BY CLASS II EXCAVATION.
- ABANDON EXISTING CONDUIT.
- PULL AND RE-ROUTE EXISTING INTERCONNECT CABLE AS SHOWN ON WIRING DIAGRAM (SEE GENERAL INFORMATION SHEET).
- USE EXISTING UTILITY POLE

GENERAL NOTES

- THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL CONTACT MCDPW&T TMC AT 240-777-2100. 72 HOURS PRIOR TO MARK UNDERGROUND SIGNAL EQUIPMENT.
- MONTGOMERY COUNTY WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
- WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MDSHA STANDARDS.
- THE CONTRACTOR SHALL VERIFY THE PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
- THE CONTRACTOR SHALL ENSURE THE EXISTING TRAFFIC SIGNAL REMAINS OPERATIONAL UNTIL RECONSTRUCTED TRAFFIC SIGNALS ARE OPERATIONAL. (SEE ULTIMATE SIGNAL PLANS AND TRAFFIC CONTROL PLANS FOR DETAILS ON MAINTENANCE OF TRAFFIC.)
- VIDEO CAMERA ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
- THE CONTRACTOR SHALL CENTER THE PROPOSED CROSSWALKS ON TEMPORARY HMA CONSTRUCTED RAMPS.

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 193 (UNIVERSITY BOULEVARD) AT MD 320 (PINEY BRANCH ROAD)

TEMPORARY TRAFFIC SIGNAL FOR MOT

APPROVALS	REVISIONS
TEAM LEADER	① TEMPORARY SIGNAL TO SUPPORT MOT DUE TO GEOMETRIC MODIFICATIONS SHA # MD345187 APRIL 2007
ASST. DIV. CHIEF	STV 2/2/2005
DIVISION CHIEF	REPLACE LOOP DETECTION WITH VIDEO CAMERAS
OFFICE DIRECTOR	BRD JDH BRK
	B AS BUILT: INSTALL PED SIGNAL IN S.E. ISLAND; RELOCATE EXCLUSIVE L.T. SIGNALS ON SPAN WIRE: 10/6/97
	WM BRK

TRAFFIC SIGNALIZATION PLAN			
SCALE	1"=20'	DATE	10/08/97
CONTRACT NO.	MD17545/854	DESIGNED BY	W. MALCOLM
COUNTY	MONTGOMERY	DRAWN BY	
LOGMILE	15019306.15	CHECKED BY	
T.I.M.S. NO.	H325	F.A.P. NO.	SEE TITLE SHEET
TOD NO.	MO717-09	DRAWING NO.	TS-3661D
OF		SHEET NO.	OF

**STV Incorporated**  
engineers/architects/planners/construction managers  
7125 Ambassador Road Baltimore, MD 21244-2722 (410) 944-9112

UTILITY LEGEND			
— E — E —	ELECTRIC CABLES	— SD — SD —	STORM DRAIN
— A — A —	AERIAL CABLES	— G — G —	GAS MAIN
— T — T —	TELEPHONE CABLES	— W — W —	WATER MAIN
— F — F —	FIBER-OPTIC	— S — S —	SEWER MAIN

PLOTTED: THURSDAY, APRIL 13, 2007 AT 04:54 PM  
FILE: I:\PROJECTS\0312513\0312513.0004\DRAWINGS\TRAN\TRAFFIC\TEMPORARY SIGNAL\PSG-P001\_M193.DGN